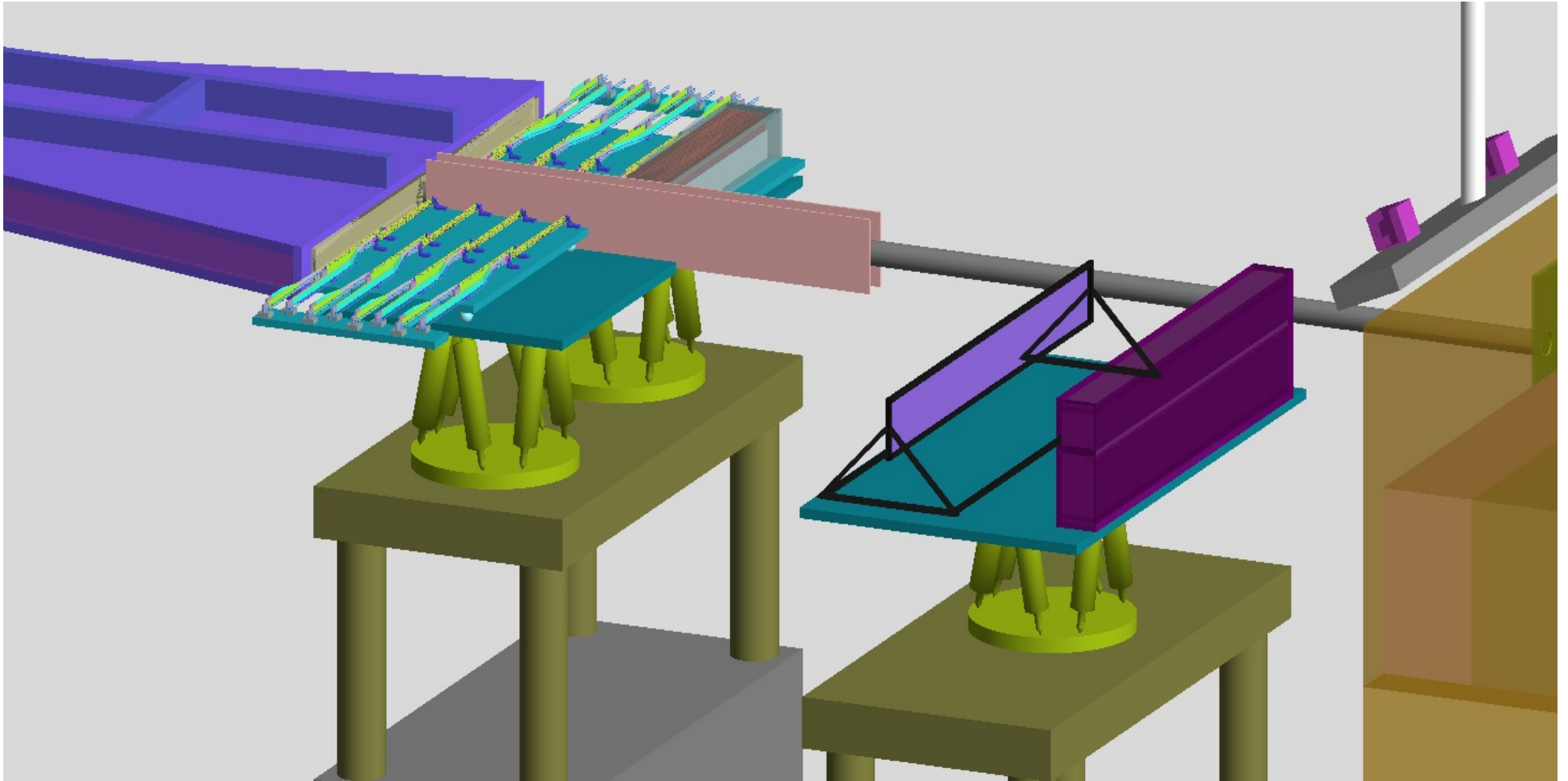


Update on LUXE GEANT4 Simulation

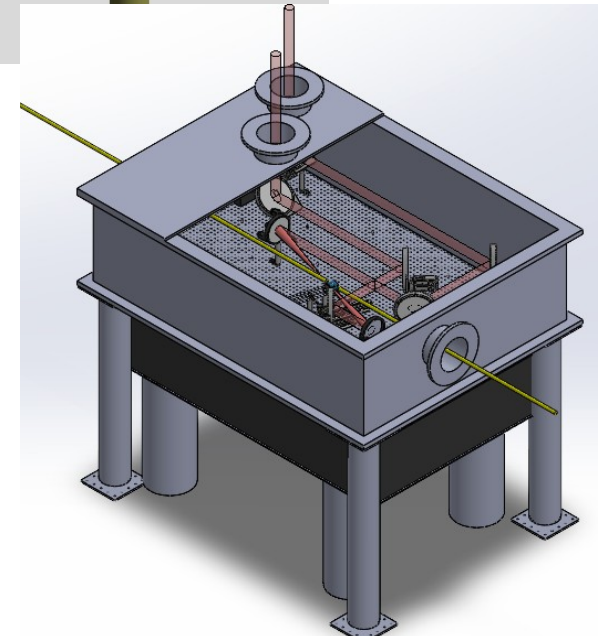
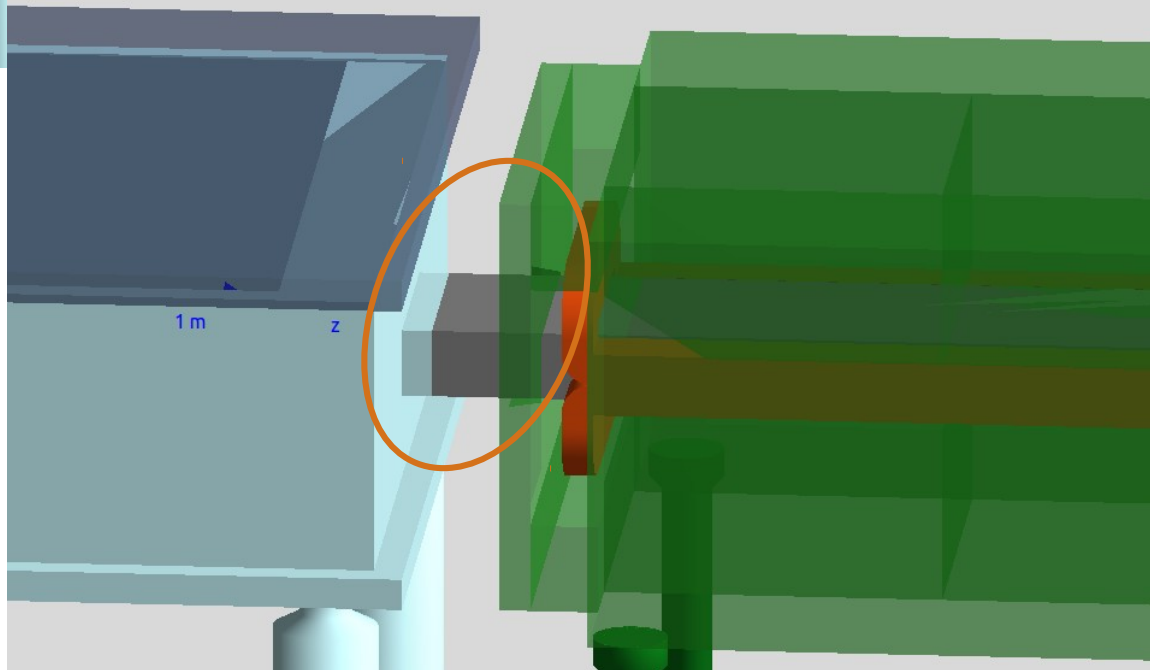
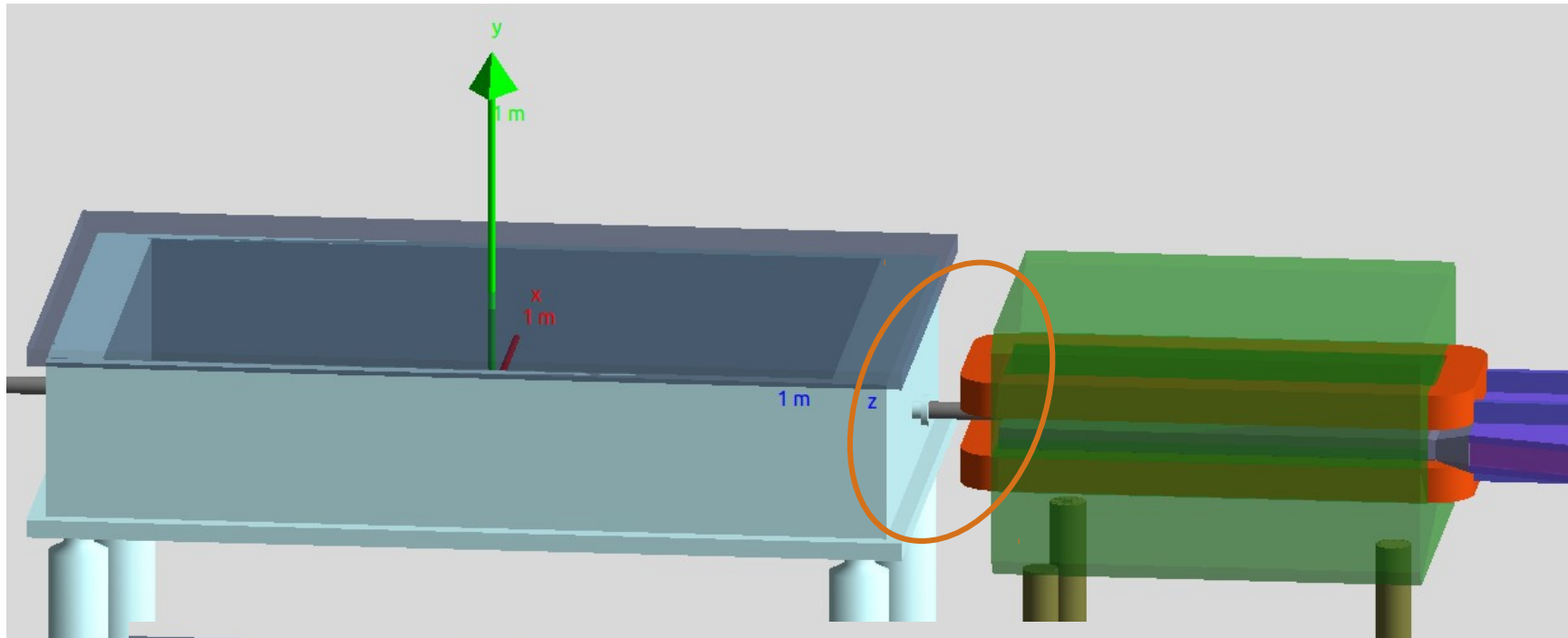
Oleksandr Borysov

Gamma laser setup



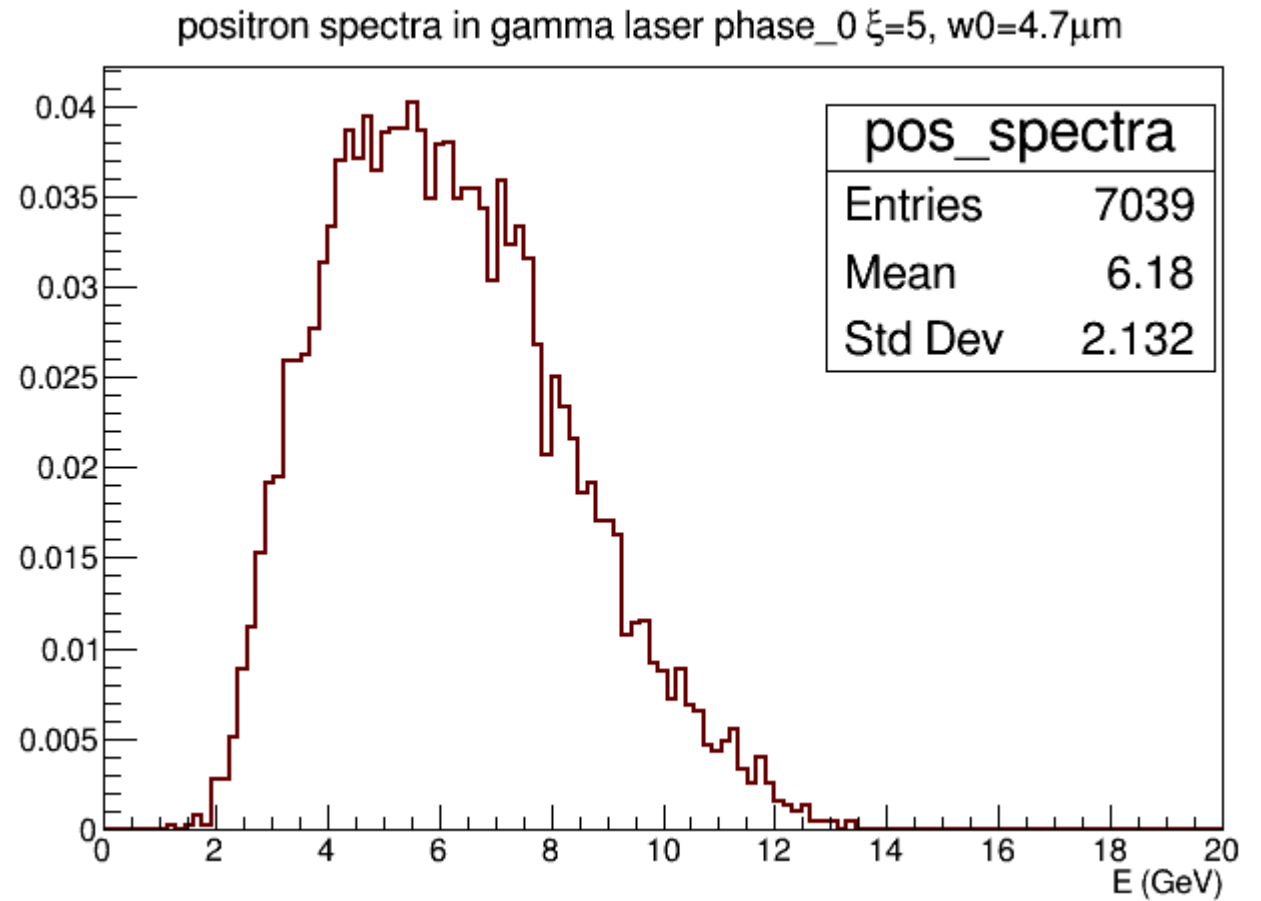
- Tracker on electron side;
- Screen and Cherenkov or another ECAL (CALICE)?

Interaction chamber



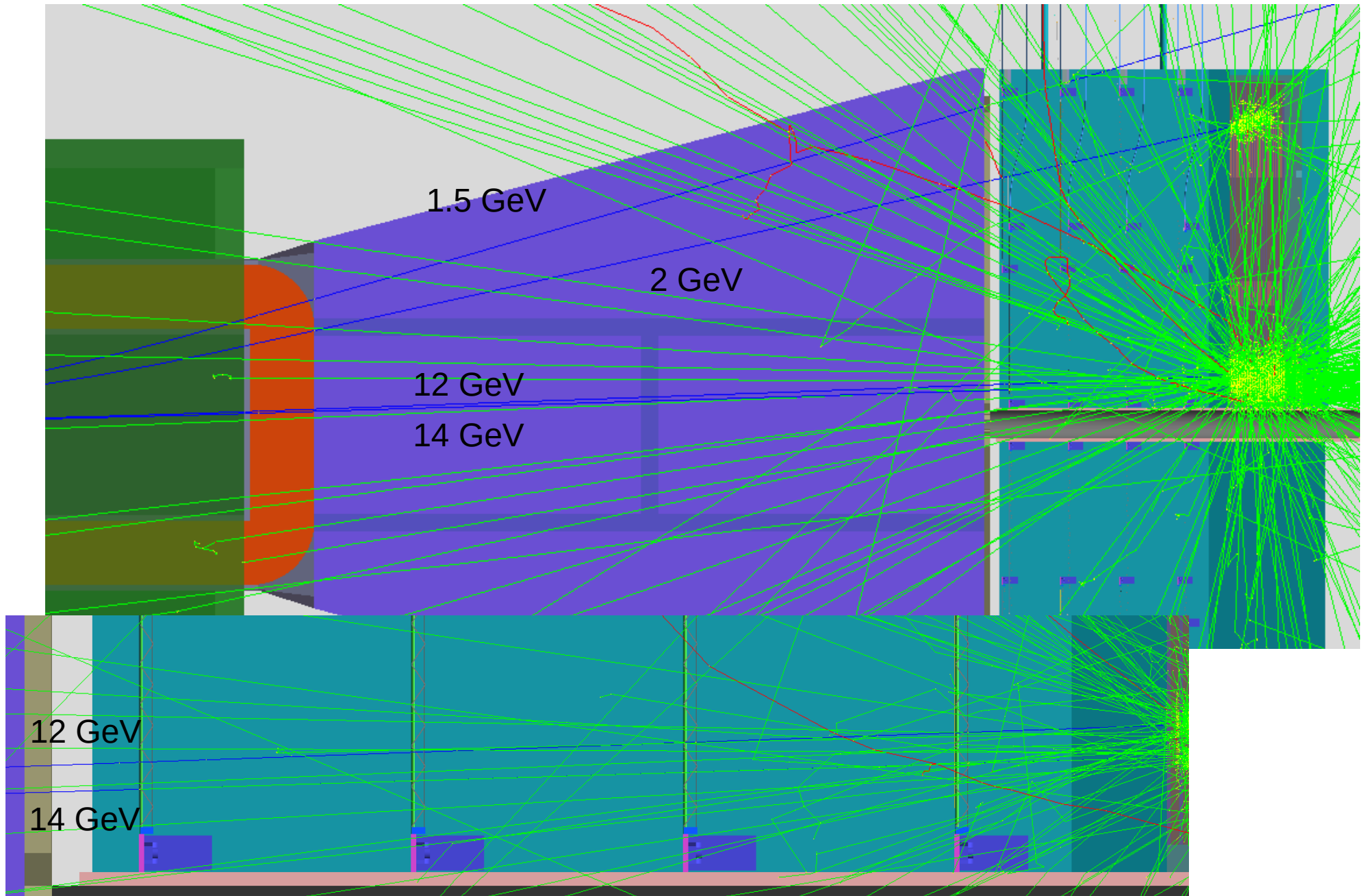
New IC, arrived yesterday

Positron spectra

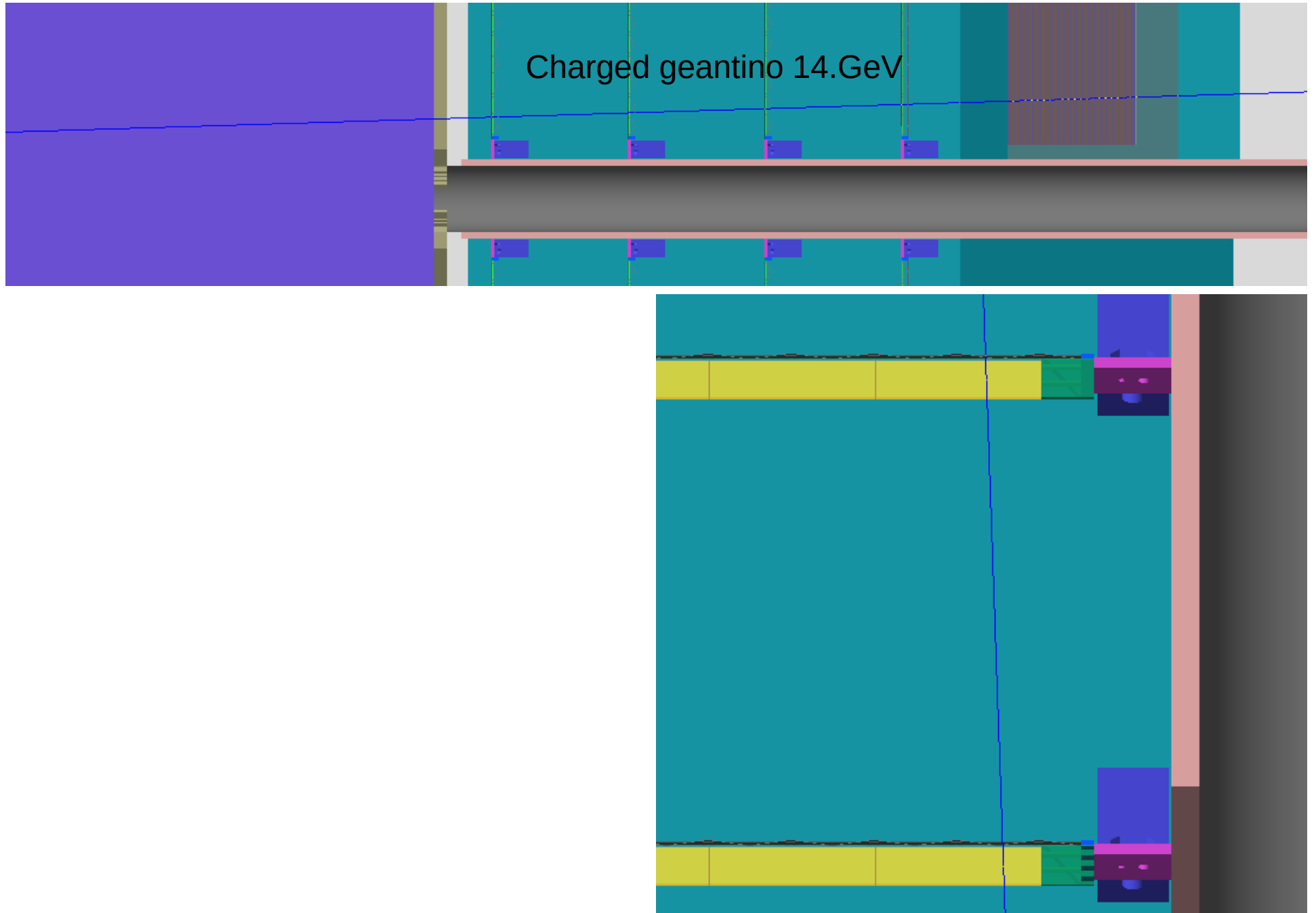


/nfs/dust/luxe/group/MCProduction/Signal/ptarmigan-v0.8.1/brem-laser/phase0/gpc/b0gpc_5.0_0_particles.h5

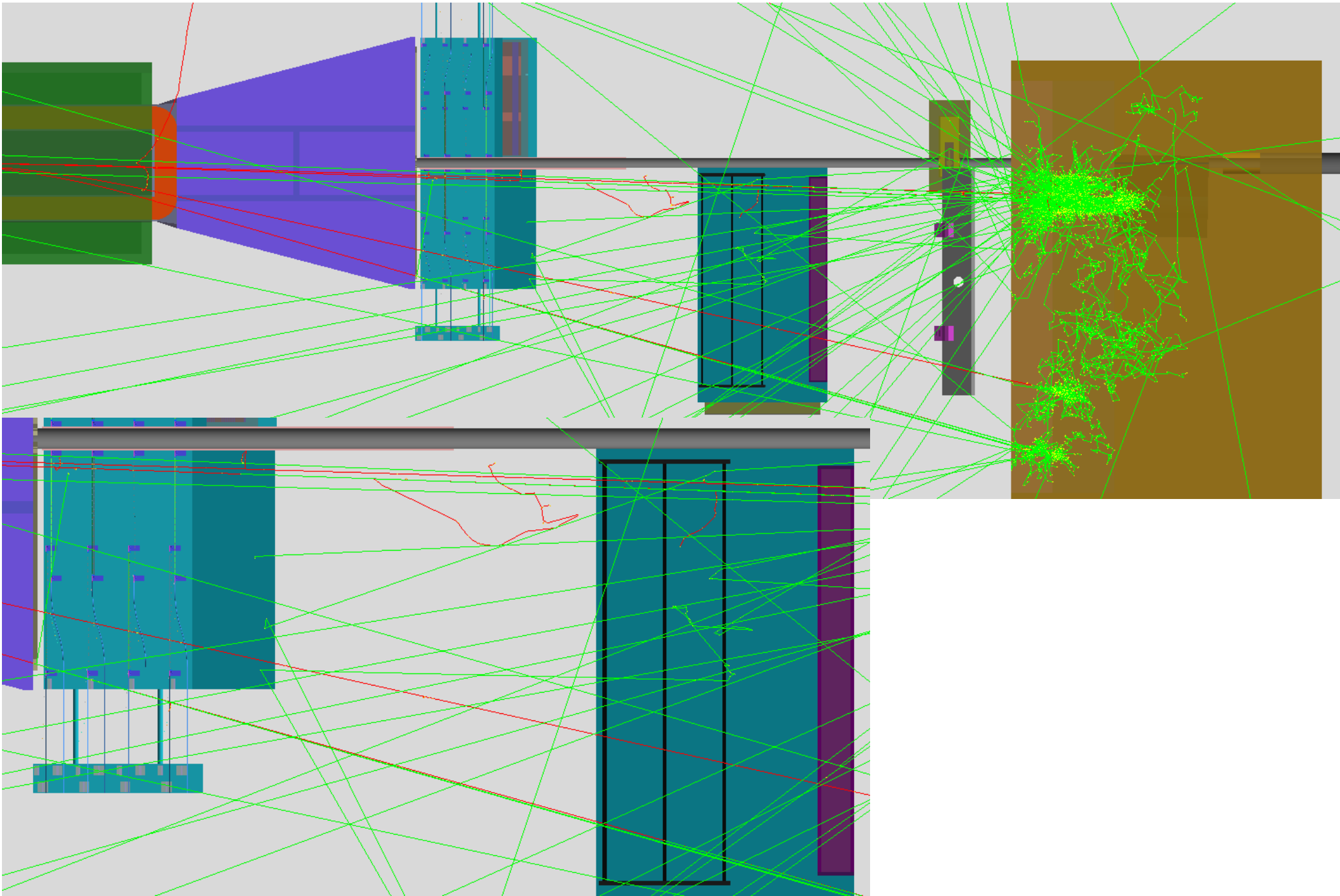
1.2 T IP field, positrons 1.5 GeV – 14 GeV



Cleaner picture with geantino



1.2 T IP field, electrons 1.5 GeV – 14 GeV



1.5T, electron 16.5 GeV

